

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1003	(523/116).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L2	203	(523/117).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L3	459	(206/63.5).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L4	1252	(206/219).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L5	1269	(106/35).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L6	178	(501/42).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L7	141	(501/44).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L8	288	(501/45).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L9	189	(501/46).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L10	239	(501/47).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:34
L11	297	(501/48).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:35
L12	263	(501/49).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:35
L13	1857	(524/493).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/07/30 11:35
S2	18	(HOESCHLER SAME STEFAN).in. OR (ALBRECHT SAME DIRK). in. OR (STIPPSCHILD SAME ANDREA).in. OR (DEDE SAME KARSTEN). in.	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:04
S3	8363	(3m).as.	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:05
S4	141892	(silicon near5 dioxide)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:06
S5	143599	(aluminum near5 oxide) OR (boron near5 oxide)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:06
S6	68	(glass near5 particle) same (zone)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:07

S7	0	((S3) OR (S2)) AND (S6)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:07
S8	30	(glass near5 particle) same (zone) AND (alkali smae metal same oxide)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:08
S9	1400	(refractive near5 index) AND (glass near5 particle)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:11
S10	1	(S3) AND (S2) AND (S9)	US-PGPUB; USPAT	OR	OFF	2008/09/17 10:12
S11	18	(HOESCHLER SAME STEFAN).in. OR (ALBRECHT SAME DIRK). in. OR (STIPPSCHILD SAME ANDREA).in. OR (DEDE SAME KARSTEN). in.	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:26
S12	8363	(3m).as.	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:26
S13	5	(S12) AND (S11) AND (dental SAME composition)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:26
S14	0	(S12) AND (S11) AND (dealkalize OR dealkalizing) AND (glass SAME composition)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:28
S15	0	(S12) AND (S11) AND (dealkalize OR dealkalizing OR dealkalize) AND (glass SAME composition)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:28
S16	0	(dealkalize OR dealkalizing OR dealkalize) AND (glass SAME composition SAME dental)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:28
S17	159	(glass SAME composition SAME dental) AND (acid) AND (mill OR crush)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:29
S18	1	(*5093196*).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:31
S19	1024419	(dealkalized smae glass)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:36
S20	46	(dealkalized SAME glass)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:36
S21	23	(dealkalized SAME glass) AND ((hydrochloric near5 acid ) OR (sulfuric near5 acid ) )	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:36
S22	22	(dealkalized SAME glass) AND ((hydrochloric near5 acid ) OR (sulfuric near5 acid ) AND (temperature	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:38

S23	14	(dealkalized SAME glass) AND ((hydrochloric near5 acid ) OR (sulfuric near5 acid) ) AND (temperature) AND (dealkaliz\$4 SAME temperature)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:39
S24	3	(dealkalized SAME glass) AND ((hydrochloric near5 acid ) OR (sulfuric near5 acid) ) AND (temperature) AND (dealkaliz\$4 near5 temperature)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:42
S25	3	(dealkalized SAME (glass OR silica) ) AND ((hydrochloric near5 acid ) OR (sulfuric near5 acid) ) AND (temperature) AND (dealkaliz\$4 near5 temperature)	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:44
S26	1	("7140201").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 11:46
S27	12	((("7140201") or ("3801344") or ("4010048") or ("4567030") or ("4764497") or ("5173114") or ("5432130") or ("5618763") or ("5968856") or ("6342458") or ("6514893") or ("6606884")).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 12:10
S28	0	"EP 0189540"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/09/17 12:23
S29	32	((("7140201") or ("3801344") or ("4010048") or ("4567030") or ("4764497") or ("5173114") or ("5432130") or ("5618763") or ("5968856") or ("6342458") or ("6514893") or ("6606884") or ("5432130") or ("5618763") or ("4039919") or ("4764497") or ("6114039") or ("6362251") or ("4376835") or ("4882365") or	US-PGPUB; USPAT	OR	OFF	2008/09/17 12:33

		("4882365") or ("5641347") or ("6114039") or ("6297181") or ("6245828") or ("6908953") or ("6779656") or ("7098259") or ("4629746") or ("4376835") or ("4629746") or ("4767798") or ("4882365") or ("4900697") or ("5093196") or ("5147904") or ("5292354") or ("5641347") or ("6022819") or ("6114039") or ("6245828") or ("6270562") or ("6297181") or ("6306926") or ("6362251") or ("6779656") or ("6908953") or ("7098259").PN.				
S30	4	(dealkaliz84) AND (S29)	US-PGPUB; USPAT	OR	OFF	2008/09/17 12:33
S31	27	(acid) AND (S29)	US-PGPUB; USPAT	OR	OFF	2008/09/17 12:36
S32	29	("4123416"   "4143018"   "4376835"   "4378248"   "4744759"   "4775592"). PN. OR ("4900697"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 12:49
S33	29	(S32) AND (acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 12:50
S34	1	("4376835").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 12:52
S35	62	("3814717"   "3986998"   "4063001"   "4209434"   "4215033"   "4271057"). PN. OR ("4376835"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:26
S36	58	(S35) AND (acid)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:27
S37	34	(S35) AND (acid) SAME (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:27
S38	34	(S35) AND ((acid) SAME (temperature))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:27

S39	6471	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:36
S40	3381	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle) SAME temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:36
S41	71	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle) SAME temperature) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:36
S42	0	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle) SAME temperature) AND (dental) AND (de\$2alkaliz \$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:38
S43	0	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle) SAME temperature) AND (dental) AND (dealkaliz\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:39
S44	3	((acid) SAME (treatment OR treat\$4) same (glass OR silica) SAME (particle) SAME temperature) AND (dealkaliz\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:39
S45	30	((glass OR silica) SAME (particle) SAME temperature) AND (dealkaliz\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:39
S46	0	((glass OR silica) SAME (particle) SAME temperature) AND (dealkaliz\$4) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:40
S47	2	(S11) AND ((acid) SAME (glass) SAME (treatment))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:42
S48	12	(S11) AND (dental SAME glass)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 13:43
S49	1	("3116991").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 14:23
S50	3	("3116991").URPN.	USPAT	OR	OFF	2008/09/17 14:25
S51	17	("2500801"   "3116991"   "4063916"   "4097258").PN. OR ("4547233").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:32
S52	0	((desalkinization near5 glass) OR (desalkinisation near5 glass))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:33

S53	0	((desalkinization SAME glass) OR (desalkinisation SAME glass))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:33
S54	0	((desalkinization SAME glass) OR (desalkinisation SAME glass))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:33
S55	2	((desalkinization SAME glass) OR (desalkinisation SAME glass))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:34
S56	0	dealkinization near5 glass	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:34
S57	27	dealkalizing near5 glass	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:34
S58	1	("3653864").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 14:57
S59	24	("2184320"   "2261689"   "2377062"   "3275470").PN. OR ("3653864").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:57
S60	781409	glass AND (dealkilization temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:59
S61	14	glass AND (dealkalization near5 temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 14:59
S62	8	("3451796").URFN.	USPAT	OR	OFF	2008/09/17 15:02
S63	43	glass AND (dealkalization SAME temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:05
S64	65	(glass NEAR10 dealkalization) AND (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:07
S65	91	((glass or silica) NEAR10 (de\$2alkalization)) AND (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:08
S66	0	dental AND (de \$2alkalization) AND (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:09
S67	0	dental AND (de \$2alkalization OR De \$2alkalize) AND (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:09
S68	0	dental AND (de \$2alkalization OR De \$2alkaliz\$4) AND (temperature)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:09
S69	109	(dental near5 filling) AND ((hydrochloric near5 acid) SAME (temperature))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:10

S70	99	(dental near5 filling) AND ((hydrochloric near5 acid) SAME (temperature)) AND (silica OR glass)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 15:11
S71	1	("20040116550").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 16:16
S72	4352	(alkali near5 earth near5 oxide) AND (dental composition)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:57
S73	107	(alkali near5 earth near5 oxide) AND (dental)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:57
S74	41	(alkali near5 earth near5 oxide) AND (dental) AND (sodium near5 oxide)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:58
S75	0	(alkali near5 earth near5 oxide) AND (dental) AND (sodium near5 oxide) same (mol or mole)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:58
S76	0	(alkali near5 earth near5 oxide) AND (dental) AND ((sodium near5 oxide) same (mol or mole))	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:58
S77	4	((alkali near5 earth near5 oxide) same (mol or mole)) AND (dental) AND (sodium near5 oxide)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:58
S78	12	((alkali near5 earth near5 oxide) same (mol or mole)) AND (dental)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:59
S79	172	((alkali near5 earth near5 oxide) same (mol or mole)) AND (glass)	US-PGPUB; USPAT	OR	OFF	2008/09/17 17:59
S80	1217	((alkali near5 earth near5 oxide) AND (mol or mole)) AND (glass)	US-PGPUB; USPAT	OR	OFF	2008/09/17 18:05
S81	15	((alkali near5 earth near5 oxide) AND (mol or mole)) AND (glass SAME dental)	US-PGPUB; USPAT	OR	OFF	2008/09/17 18:05
S82	1	("5883153").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/17 18:12
S83	32	("3814717"   "4089830"   "4376835"   "4435380"   "4599228"   "4599363"   "4629746"   "4758612"   "4808228"   "4814362"   "4872936"   "4892725"   "4900697"   "5063257"   "5130347"   "5151453").PN. OR ("5883153").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:13

S84	3	(S83) and (sodium near5 oxide)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:14
S85	32	("4527979"   "4540738"   "4569954"   "4585845"). PN. OR ("4758612"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:15
S86	6	(S85) and (sodium near5 oxide)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:15
S87	1173	(sodium near5 oxide) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:17
S88	172	(sodium near5 oxide) SAME (amount) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:17
S89	246	((sodium near5 oxide) SAME (amount Or content)) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:17
S90	10	((sodium near5 oxide) SAME (amount Or content)) AND (dental near5 filler)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:17
S91	11	((sodium near5 oxide) SAME (amount Or content) SAME mol) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:20
S92	295	(( (sodium OR lithium OR potassium) near5 oxide) SAME (amount Or content)) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:21
S93	29	(( (sodium OR lithium OR potassium) near5 oxide) SAME (amount Or content) SAME (mol Or mole)) AND (dental)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:21
S94	43	(( (sodium OR lithium OR potassium) near5 oxide) SAME (amount Or content)) AND (S12)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:26
S95	0	(( (sodium OR lithium OR potassium) near5 oxide) SAME (amount Or content) SAME (mol or mole)) AND (S12)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/17 18:27
S96	1	("6309926").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/18 06:11
S97	1	("6306926").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/18 06:12
S98	1	("7098259").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/18 06:20
S99	3	((("5849649") or ("3193401") or ("2455719")).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/18 06:30



S100	34	("2278867"   "3871890"   "4340645"   "4446241"   "4521524"   "4590171"   "4814298"   "5061658"). PN. OR ("2455719"   "3193401"   "5849649"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/18 06:31
S101	949	(523/116).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S102	195	(523/117).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S103	439	(206/63.5).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S104	1219	(206/219).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S105	1241	(106/35).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S106	1773	(524/493).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:56
S107	172	(501/42).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S108	140	(501/44).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S109	275	(501/45).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S110	178	(501/46).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S111	224	(501/47).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S112	288	(501/48).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S113	253	(501/49).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S114	147	(501/50).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S115	110	(501/51).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S116	159	(501/52).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S117	351	(501/57).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S118	139	(501/58).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S119	354	(501/59).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:57
S120	441	(501/63).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S121	686	(501/64).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58

S122	505	(501/65).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S123	967	(501/66).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S124	519	(501/67).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S125	364	(501/68).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S126	250	(501/22).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/09/18 10:58
S127	3	((("5093196") or ("4376835") or ("5849649")).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/18 11:01
S128	1193	(glass near5 filler) AND (zone)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:23
S129	8	(glass near5 filler) AND ((zone) SAME (migrat\$4))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:24
S130	8391	(3m).as.	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:24
S131	8391	(3m).as.	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:24
S132	0	((S131) OR (S130)) AND (glass near5 filler) AND ((zone) SAME (migrat\$4))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:24
S133	48	((S131) OR (S130)) AND ((zone) SAME (migrat\$4))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:24
S134	0	((S131) OR (S130)) AND ((zone) SAME (migrat\$4)) AND (dental)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S135	621	((S131) OR (S130)) AND (dental)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S136	94931	((S131) OR (S130)) AND (dental) ADN (depletion)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S137	25	((S131) OR (S130)) AND (dental) AND (depletion)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S138	621	((S131) OR (S130)) AND (dental)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S139	423	((S131) OR (S130)) AND (dental) AND (glass)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S140	259	((S131) OR (S130)) AND (dental) AND (glass) AND (silica OR (silocon near5 oxide))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:25
S141	127	((S131) OR (S130)) AND ((dental) SAME (glass)) AND (silica OR (silocon near5 oxide))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:26

S142	127	((S131) OR (S130)) AND ((dental) SAME (glass)) AND (silica OR (silicon near5 oxide))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:26
S143	9	((S131) OR (S130)) AND ((dental) SAME (glass)) AND (silica OR (silicon near5 oxide)) AND (zone)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:26
S144	57	(glass SAME depletion SAME zone)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:28
S145	316	(glass SAME zone SAME migrat\$5)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:28
S146	122325	(glass SAME zone SAME migration OR migrate OR migrating)	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:28
S147	289	(glass SAME zone SAME (migration OR migrate OR migrating))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:28
S148	28	(glass SAME zone SAME (migration OR migrate OR migrating) SAME (ion))	US-PGPUB; USPAT	OR	OFF	2008/09/25 11:29
S149	0	"WO 199745377"	EPO; JPO; DERWENT	OR	OFF	2009/07/29 09:54
S150	1	"WO 1997045377"	EPO; JPO; DERWENT	OR	OFF	2009/07/29 09:54
S151	1	"EP 847375"	EPO; JPO; DERWENT	OR	OFF	2009/07/29 09:55
S152	1	"WO 2000034196"	EPO; JPO; DERWENT	OR	OFF	2009/07/29 09:56
S153	1	"DD 258321"	EPO; JPO; DERWENT	OR	OFF	2009/07/29 09:57
S154	1	("5250474").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/29 10:01
S155	1	("4515634").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/29 15:42
S156	33	("3282712"   "3809543"   "3816704"   "3977857"   "4189325").PN. OR ("4515634").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 15:45
S157	10	S156 AND (mol Or "mol." Or mole)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 15:46
S158	1	("4350532").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/29 15:48
S159	2	((("3052982") or ("3052983")).PN.	US-PGPUB; USPAT	OR	OFF	2009/07/29 15:58
S160	13593	(lithium adj oxide) OR ("Li.sub.2O") OR ("Li.sub.2" adj "O")	US-PGPUB; USPAT	OR	OFF	2009/07/29 16:00
S161	1	("L16") AND (dental adj composition)	US-PGPUB; USPAT	OR	ON	2009/07/29 16:01

S162	57	(S160) AND (dental adj (composition))	US-PGPUB; USPAT	OR	ON	2009/07/29 16:01
S163	178	(S160) AND (dental adj (composition Or restoration))	US-PGPUB; USPAT	OR	ON	2009/07/29 16:01
S164	25	(S160) AND (dental adj (composition Or restoration)) AND (("mol. %" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%"))	US-PGPUB; USPAT	OR	ON	2009/07/29 16:02
S165	16	(S160) AND (dental adj (composition Or restoration)) AND (("mol. %" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%")) SAME (S160)	US-PGPUB; USPAT	OR	ON	2009/07/29 16:02
S166	62	("0139012"   "0764871"   "1063376"   "2538486"   "2644232"   "3314420"   "3801344"   "3973972"   "3975203"   "4001939"   "4097935"   "4189325"   "4744759"   "4747876"   "4799887"   "4814297"). FN. OR ("5057018"). URIPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 16:06
S167	0	S166 AND S159 SAME (("mol.%" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%"))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 16:07
S168	1	S166 AND S160 SAME (("mol.%" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%"))	US-PGPUB; USPAT; USOCR	OR	OFF	2009/07/29 16:07
S169	36991	(lithium adj oxide) OR ("Li. sub.2O") OR ("Li.sub.2" adj "O") OR (sodium adj oxide) OR ("Na.sub.2O") OR ("Na.sub.2" adj "O")	US-PGPUB; USPAT	OR	OFF	2009/07/29 16:15
S170	25	(S169) AND (dental adj (composition Or restoration)) AND (("mol. %" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%")) SAME (S169)	US-PGPUB; USPAT	OR	ON	2009/07/29 16:16

S171	27	(S169) AND (dental adj (composition Or restoration Or ceramic)) AND (("mol.%" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%")) SAME (S169)	US-PGPUB; USPAT	OR	ON	2009/07/29 16:16
S172	27	(S169) AND (dental adj (composition Or restoration Or ceramic Or filler)) AND (("mol.%" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%")) SAME (S169)	US-PGPUB; USPAT	OR	ON	2009/07/29 16:16
S173	30	((S169) OR (alkali adj metal adj oxide)) AND (dental adj (composition Or restoration Or ceramic Or filler)) AND (("mol.%" or ("mol." adj "%") OR (mole adj percent) OR (mole adj "%")) SAME ((S169) OR (alkali adj metal adj oxide))	US-PGPUB; USPAT	OR	ON	2009/07/29 16:30
S174	3	S173 NOT S172	US-PGPUB; USPAT	OR	ON	2009/07/29 16:30
S175	1	("20020157570").PN.	US-PGPUB; USPAT	OR	OFF	2009/07/30 07:45
S176	22	(HOESCHLER SAME STEFAN).in. OR (ALBRECHT SAME DIRK).in. OR (STIPPSCHILD SAME ANDREA).in. OR (DEDE SAME KARSTEN).in.	US-PGPUB; USPAT	OR	OFF	2009/07/30 07:45

7/30/2009 11:35:25 AM

C:\Documents and Settings\akollias\My Documents\EAST\Workspaces\10596722.wsp